

IN THE CLAIMS

1. (Currently Amended) A method comprising:

downloading a 3D (three dimensional) environment development program to a computer system from a Web server over the Internet;

executing the 3D development program within the computer system to convert a 2D (two dimensional) desktop environment of the computer system into a 3D computing environment, including installing an interpreter within an operating system of the computer system;

providing a three-dimensional (3D) the 3D computing environment representing a 3D desktop of a computer system in a 3D environment, wherein one or more icons of the 2D desktop environment are displayed on a plurality of one or more surfaces of the 3D desktop computing environment;

receiving a two-dimensional web page from a Web server over the Internet application program;

the interpreter dynamically converting the two-dimensional web page application program to a form useable in the three-dimensional computing environment;

and

presenting content of the converted web page application program within the 3D desktop computing environment to allow a user of the computer system to navigate the content of the web page application program within the 3D computing environment.

2. (Currently Amended) A data processing system-readable medium having a plurality of instructions executable by a data processing system embodied therein, wherein said instructions when executed cause said data processing system to:

download a 3D (three dimensional) environment development program to a computer system from a Web server over the Internet;

execute the 3D development program within the computer system to convert a 2D (two dimensional) desktop environment of the computer system into a 3D computing environment, including installing an interpreter within an operating system of the computer system;

provide a three-dimensional (3D) the 3D computing environment representing a 3D desktop of a computer system in a 3D environment, wherein one or more icons of the 2D desktop environment are displayed on a plurality of one or more surfaces of the 3D desktop computing environment;

receive a two-dimensional web-page from a Web-server over the Internet application program;

the interpreter dynamically convert the two-dimensional web-page application program to a form useable in the three-dimensional computing environment; and

present content of the converted web-page application program within the 3D desktop computing environment to allow a user of the computer system to navigate the content of the web-page application program within the 3D computing environment.

3. (Currently Amended) A method comprising: The method of claim 1, wherein the 2D desktop environment is an existing desktop environment as a part of the operating system of

the computer system, and wherein the 3D computing environment is installed on the top of the 2D desktop environment,

providing a three-dimensional (3D) computing environment representing a 3D desktop of a computer system in a 3D environment, wherein one or more icons of the desktop are displayed on a plurality of surfaces of the 3D desktop; receiving a two-dimensional application program; converting the two-dimensional application program to a form useable in the three-dimensional computing environment; and presenting the converted application program within the 3D computing environment to a user to allow the user to interact with the converted application program within the 3D environment.

4. (Currently Amended) A data processing system readable medium having a plurality of instructions executable by a data processing system embodied therein, wherein said instructions when executed cause said data processing system to: The method of claim 3, wherein the 3D computing environment can be activated from the 2D desktop environment, and wherein the 3D computing environment can be deactivated to reinstate the 2D desktop environment in response to a user request.

provide a three-dimensional (3D) computing environment representing a 3D desktop of a computer system in a 3D environment, wherein one or more icons of the desktop are displayed on a plurality of surfaces of the 3D desktop; receive a two-dimensional application program; convert the two-dimensional application program to a form useable in the three-dimensional computing environment; and

present the converted application program within the 3D computing environment to a user to allow the user to interact with the converted application program within the 3D environment;

5. (Currently Amended) A method comprising: The method of claim 4, wherein when the 3D computing environment is activated, the 3D computing environment is automatically presented when the computer system reboots without displaying the 2D desktop environment.
accessing a website from a client computer over the Internet;
automatically accessing a 3D environment server in response to the access to the website;
generating a 3D environment representing content of the website using resources of the 3D environment server;
presenting the 3D environment at the client computer having the content of the web site in a 3D manner to allow a user of the client computer to navigate the content of web site in the 3D environment; and
retaining information related to navigating the content of the website displayed in the 3D environment in a repository.

6. Currently Amended) The method of claim 54, further comprising:
further comprising
installing a software development kit (SDK) within the computer system to enable a user to
create a 3D-enabled application to be executed within the 3D computing environment,
including 2D or 3D graphics objects to be used in the 3D computing environment,
downloading a 3D environment development program to the computer system from a
Web server over the Internet; and

using the 3D development program to convert a 2D desktop environment of the computer system into a 3D desktop environment.

7. (Currently Amended) The method of claim 6, wherein the 3D computing desktop environment is configured to allow a user to place an icon within up to a 360° spatial environment.

8. (Currently Amended) The method of claim 7, wherein the 3D computing desktop environment is presented as at least one of a room, neighborhood, city, and landscape ~~or~~ other spatial environment.

9. (Currently Amended) The method of claim 8, wherein the 3D computing desktop environment is configured to allow a user to place an icon on a plurality of one or more walls of the at least one of a room, neighborhood, city, and landscape ~~or~~ other spatial environment via a drag-n-drop operation.

10. (Currently Amended) The method of claim 1, further comprising:
receiving a ~~second~~ Web page from the Web server over the Internet;
determining whether the ~~second~~ Web page is a 3D enabled Web page; and
presenting the ~~second~~ Web page, if the ~~second~~ Web page is a 3D enabled Web page, in the 3D computing environment without converting the Web page to a 3D enabled Web page, wherein the conversion is performed only if the ~~second~~ Web page is not 3D enabled.

11. (Currently Amended) The method of claim 10, wherein determining whether the second-Web page is a 3D enabled Web page is performed by ~~an interpretation application installed within the computer system~~the interpreter.

12. (Currently Amended) The method of claim 11, further comprising:

embedding one or more attributes of the 3D computing environment within the ~~second~~ Web page using an XML-based markup language ~~or such other program language~~; and

presenting the ~~second~~-Web page in the 3D ~~computing environment desktop~~ using the embedded one or more attributes of the 3D computing environment by executing the XML-based markup language ~~or such other program language~~ embedded within the ~~second~~-Web page.

13. (Currently Amended) The method of claim 12, further comprising presenting the second Web page as a 2D Web page in a 2D environment without executing the XML-based markup language ~~or such other program language~~ representing the one or more attributes of the 3D computing environment.

14. (Currently Amended) The method of claim 1, further comprising navigating via the 3D computing environment desktop content stored in the computer system.

15. (Currently Amended) The data processing system-readable medium of claim 2, ~~wherein the instructions further cause the data processing system to;~~ wherein the 2D desktop environment is an existing desktop environment as a part of the operating system of the

computer system, and wherein the 3D computing environment is installed on the top of the 2D desktop environment.

download a 3D environment development program to the computer system from a Web server over the Internet; and
use the 3D development program to convert a 2D desktop environment of the computer system into a 3D desktop environment.

16. (Currently Amended) The data processing system-readable medium of claim 15, wherein the 3D computing desktop-environment is configured to allow a user to place an icon within up to a 360° spatial environment.

17. (Currently Amended) The data processing system-readable medium of claim 16, wherein the 3D computing desktop-environment is presented as at least one of a room, neighborhood, city, and landscape or other spatial environment.

18. (Currently Amended) The data processing system-readable medium of claim 17, wherein the 3D computing desktop-environment is configured to allow a user to place an icon on a plurality of one or more walls of the at least one of a room, neighborhood, city, and landscape or other spatial environment via a drag-n-drop operation.

19. (Currently Amended) The data processing system-readable medium of claim 2, wherein the instructions further cause the data processing system to:
receive a second-Web page from the Web server over the Internet;
determine whether the second-Web page is a 3D enabled Web page; and

present the ~~second~~-Web page, if the ~~second~~-Web page is a 3D enabled Web page, in the 3D computing environment without converting the Web page into a 3D enabled Web page, wherein the conversion is performed only if the ~~second~~ Web page is not 3D enabled.

20. (Currently Amended) The data processing system-readable medium of claim 19, wherein determining whether the ~~second~~-Web page is a 3D enabled Web page is performed by ~~an interpretation application installed within the computer system~~the interpreter.